TB 01 / Firmware Upgrade

SB-A065/M
Date: 21-04-2010

TOPIC:

The firmware was upgraded as follows.

CONTENT OF CHANGES:

FIRMWARE V4.00E			
	Contents	Remarks	CTL NO
1	Correcting the setting of the full-mode I-FAX	In case the full-mode i-FAX is set with confirmation of receipt enabled, confirmation of receipt may not be received from other manufacturer's machine in spite of receipt and the job remains incomplete. This is corrected.	420235
2	Image preview function implemented	----------	419848
3	Transmitting image preview function implemented	----------	419848
4	Form-overlay copy function implemented	----------	405862
5	Multiple file handling in i-FAX	----------	420149
6	FaceUp output (Change by system menu)	The menu is added in the system menu to support FaceUP output. <Refer to page 3 for details>	401183
7	KM-WSDL supported	KM-WSDL v1.1 is supported <Refer to page 3 for details>	420086
8	Extended network function	NTLMv2 authentication in IPv6/SMB print <SMB over TCP/IP(IPv4/IPv6)> are supported	406023 420364
9	MP tray size detection for timer job	The paper size at the MP tray is effected to the operation panel when implementing the reservation copy.	412189
10	e-Copy Scan Station support	----------	
11	Preset copy count for the private print	Preset copy count for the private print is ignored and set collectively to the copy count on the operation panel. **<Change>** <Not specified> is implemented for copy count setting for private print on the operation panel. Set range Before) 1-999 After) 1-999, --- Not specified (---) is default.	423911
12	<PDF Rotate> is implemented in the U485 Setting the image processing mode	When opening the PDF file in the certain users application, the image may not correctly appear after rotation process. A mode is implemented to ignore the rotation command. U485 Setting the image processing mode --> PDF Rotate implemented 0: processed by internal parameter (current) <-default 1: processed as actual image	425514 426167 425517 425511
13	For adjustment ease in the production line (Bottom for the adjustment output chart in the production line is added)	Bottom for the adjustment chart in the production line is added in the maintenance mode below for adjustment ease in the production line. U034, U053, U402 <Refer to page 3 for details>	
14	Change of LCD	According to change of the LCD, its control is changed.	

OPTIONS-FIRMWARE (ENHANCEMENT) V1.01			
	Contents	Remarks	CTL NO
15	DP-680 form-overlay support	The next original may be not scanned, the setting screen for scanning the original may be displayed and the operation may be stopped after the start key is pushed and the first original is scanned while setting the scanning for the form-overlay. This is corrected. Please upgrade the firmware for the DP-670(B) because form-overlay is supported when upgrading the firmware in the main machine. Please confirm the version of the DP firmware and upgrade to the latest version when installing DP-670(B) newly.	425052
16	Preventing the CF4A6 error after DP-JAM73 <An original jam in the original reg. section>	CF4A6 may occur at about two seconds after detecting JAM if the paper jam (JAM73) occurs immediately after the original was scanned at the DP. This is corrected.	423974
17	Measures against the failure of Scan to SMB	The error may occur at Scan to SMB data sending with the setting of send NTLMv2 response only. This is corrected.	425135
18	Preventing the CF18C error	CF18C may occur if the paper jam occurs when scanning the original from DP-750. This is corrected.	417604
19	Measures against misalignment of received FAX output tray	Multiple page received FAX output is ejected to the finisher though it is directed to the job separator. This is corrected.	404626
20	Preventing the CF245 error	CF245 may occur when printing enlarged copy of the data that is saved in Box. This is corrected.	413308
21	Correcting image process at envelope size mismatch	Size mismatch occurs when printing the custom size like 120*235 of envelope size that is not the paper size Registered at the machine. Image orientation is different between the case of continuing print manually from size mismatch and the cases of auto continue by ignoring size mismatch. This is corrected. <Change> Size and orientation are prioritized in case of ignoring size mismatch as well as manual continuation.	418477
22	FAX BOX is displayed in newly arrived order.	Sort designation is changed to display in descending order (in newly arrived order) by date when opening FAX BOX. * Previously, it is displayed in ascending order by name.	425474

FIRMWARE					
Type	**Program No.**	**Check SUM**	**VER.**	**Remarks**	
Software MAIN	2K5_2F00.004.434	- - - -	001.042		
Software MMI	2K5_7000.004.434	- - - -	004.001		
Software Engine	2K5_1000.005.001	- - - -	001.003		
Software Scanner	2K5_1200.001.015	- - - -	002.002		
Software KSF	2KS_H000.003.003	- - - -	003.003		
Software DBA	J00_E000.004.003	- - - -	004.003		
Option Language BR	2K5_81BR.001.019	- - - -	001.019		
BROWSER	2H7_F000.001.015	- - - -	001.015		
FAX BOOT	5JP_5000.001.022	- - - -	001.022		
FAX APL	5JP_5100.C05.006	- - - -	C05.006		
FAX IPL	5JP_5200.001.022	- - - -	001.022		
DP-670(B)	3K5_9500.007.001	- - - -	007.001	*	
PF-680 (2 cassette)	3K6_9000.001.006	- - - -	001.006		
DF-780(B) MAIN (1000)	5JA_9200.006.001	- - - -	006.001		

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, ENGINE, LANGUAGE, PRINTER) to the latest version at the same time.

* Please upgrade the firmware of DP-670(B) when upgrading the firmware in the main machine.
And also, please confirm the version of the DP firmware and upgrade the DP firmware to the latest version when installing DP-670(B) newly.

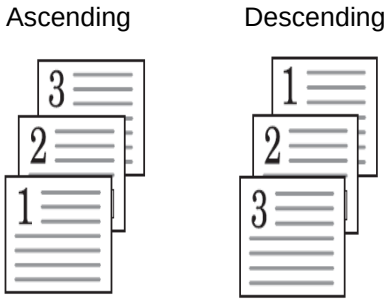
FACE-UP OUTPUT (CHANGE BY SYSTEM MENU)

The face-up output is conventionally stuck in the descending order. This version enables stuck in the ascending order.
(Data saved in the HDD is output in the descending order.)

Setting: <System Menu> --> <Common Settings> --> <Paper Output> --> <Page Order with Face up> --> <Ascending/Descending>

(Default: Descending)

This mode is valid for the output directed by the machine.
Descending order is selected via printer driver.



Note) When changing this setting, press <Reset> key on the operation window of copy function or document box.

EXTENDED SUPPORT FOR KM-WSDL:

Various settings and process for network are achieved using the SNMP protocol.
They are partially achieved using the KM-WSDL v1.1. This improves time to retrieve and process the following data.

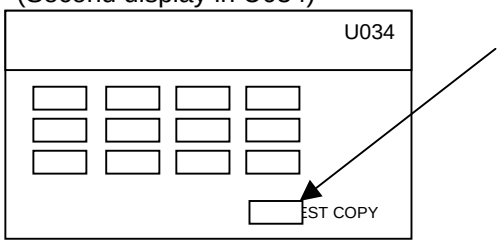
- Retrieving the address book by FAX driver
- Retrieving data by KMNet Viewer5.1

FOR THE ADJUSTMENT IN THE PRODUCTION LINE EASE:

The bottom for the adjustment chart for the production line is added to the maintenance mode below.

U034<Set Paper Timing Data>
U053<Adjust Motor Speed Standard>
U402<Adjust Print Margin>

(Second display in U034)



The blank key is added. (no name.)

If the test copy is printed in this state, the conventional chart is output.

"TIMING" is displayed after pushing the key, and the adjustment chart for the production line is output if the test copy is implemented in that state. (It is not usually used in the field.)
Non-display and "TIMING" are alternately displayed whenever pushing the key.

Classification	☐Entire Stock Rework ☐In-Field modification at next visit ☒In-Field modification by case ☐No modification necessary
Field Measure:	Please upgrade the firmware to the latest version when the phenomenon described above arises.
Serial Nos. of Affected Machine:	From Q250200001 on

TB 02 / Change of the OPERATION UNIT

SB-A099/M
Date: 14-05-2010

TOPIC:

The LCD back-light is changed from CCFL to LED type

ATTENTION:

Please upgrade other F/W to the latest version at the same time according to upgrade of MMI firmware when replacing the operation unit.

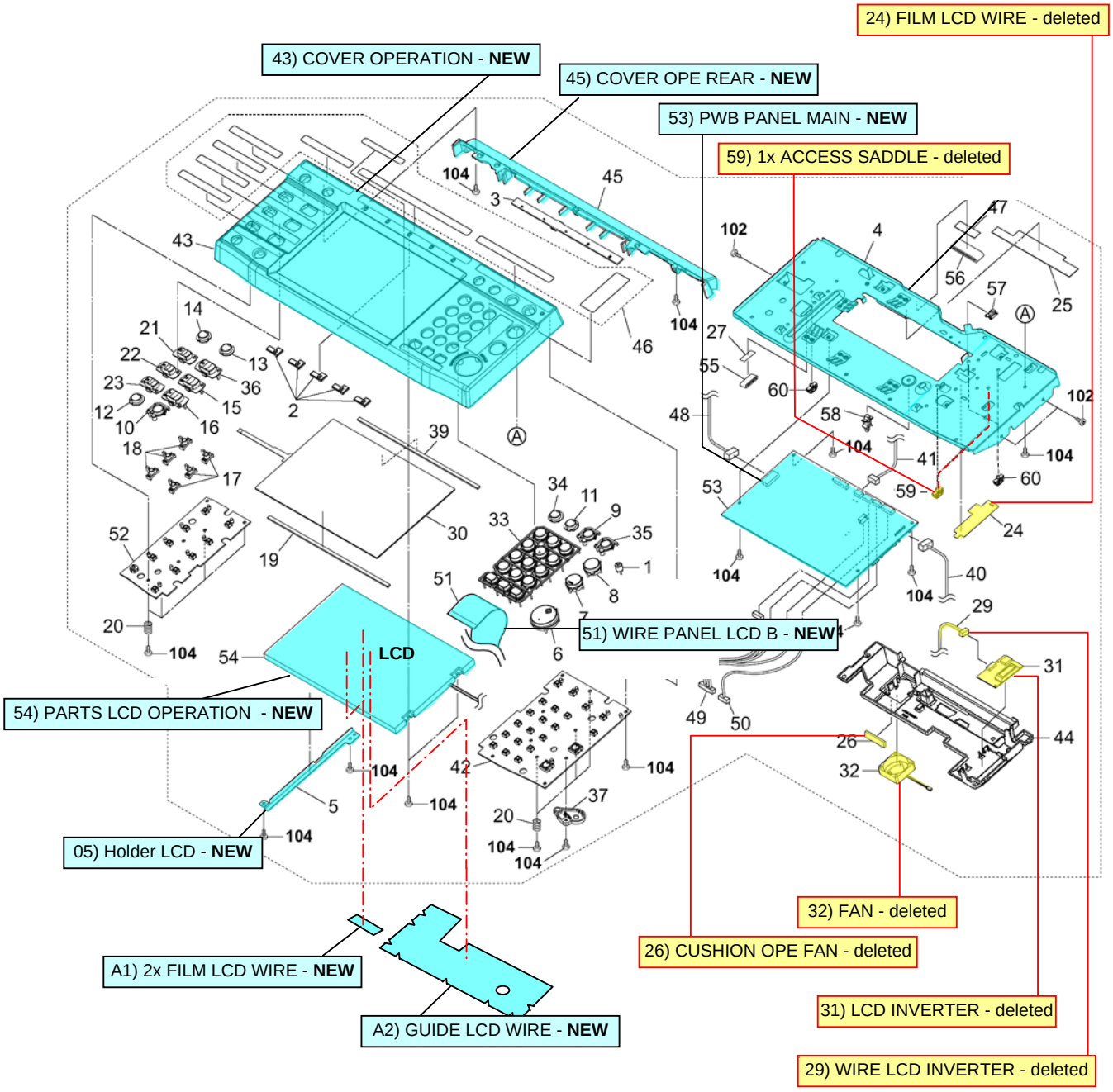
F/W Version V4.00 or higher → **CD 1430**
DC 2430

NEW TYPE OF OPERATION UNIT:

No.	Description	New Part No.	O'ty	Remarks
A	OPERATION UNIT	2K594111	1	LED Type

Classification	☐Entire Stock Rework ☐In-Field modification by case	☐In-Field modification at next visit ☒No modification necessary
Serial Nos. of Affected Machine:	**CD 1430 / DC 2430** → Q250300127	

COMPONENT PARTS:


24) FILM LCD WIRE - deleted
43) COVER OPERATION - NEW
45) COVER OPE REAR - NEW
53) PWB PANEL MAIN - NEW
59) 1x ACCESS SADDLE - deleted
51) WIRE PANEL LCD B - NEW
LCD
54) PARTS LCD OPERATION - NEW
05) Holder LCD - NEW
A1) 2x FILM LCD WIRE - NEW
A2) GUIDE LCD WIRE - NEW
32) FAN - deleted
26) CUSHION OPE FAN - deleted
31) LCD INVERTER - deleted
29) WIRE LCD INVERTER - deleted

COMPONENT PARTS:

No.	Description	New Part No.	O'ty	Remarks
A1)	FILM LCD WIRE	2KY05040	2	
A2)	GUIDE LCD WIRE	2KY05020	1	
05)	HOLDER LCD	2KY05010	1	
43)	COVER OPERATION	2K505011	1	
45)	COVER OPE REAR	2K505051	1	
51)	WIRE PANEL LCD B	2K546440	1	
53)	PWB PANEL MAIN	2K594240	1	
54)	PARTS LCD OPERATION	2KY94150	1	

TB 03 / Firmware Upgrade (V5.00)

SB-A162/M
Date: 27-05-2010

TOPIC:

The firmware was upgraded as follows.

CONTENT OF CHANGES:

	Contents	Remarks
MAIN FRAME	Preventing the both side edge image drop-out when receiving the FAX. (When setting <Reduction priority>) * * The factory default is <100% magnification priority>	The both side edge image may drop-out because the received image is printed in the real size on B5 size paper if the received data is of A4 width and length which is undefined size in the sub scanning direction (its size is example) is printed on B5 size paper. This is corrected. *<Please refer to the next page. >*
	Measure against FAX receiving to PORT2 when the service call error appears	The FAX call may be received to Port2 depending on the timing (However, the line is disconnected at once) when the service call error appears. This is corrected so that the service start is not informed to the FAX board after the service call error appears even if receiving the demand of the FAX service start. (This does not occur in PORT1)
	Support in Java API	The address from header may not contain the E-mail address of login user when sending E-mail in Java API. This is corrected.
	Change of processing the internal function in the sleep mode	Standard OID hrPrinterStatus value is corrected in the sleep mode.
	Change of the display timing when the waste toner box is FULL	JAM04 may occur if the front cover is opened before completing the job according to the message that is displayed while printing in case the waste toner box FULL is detected. [Change] This is corrected so that the error of the waste toner box FULL is not displayed while printing.
	Support in KYOcontrol Enterprise HyPAS application	KYOcontrol Enterprise HyPAS application may not function. This is corrected.

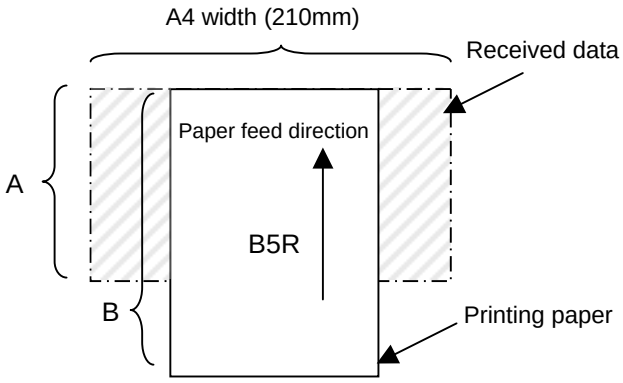
FIRMWARE					
Type	**Program No.**	**Check SUM**	**VER.**	**Remarks**	
Software MAIN	2K5_2F00.005.004	- - - -	005.004		*NEW*
Software MMI	2K5_7000.005.001	- - - -	005.001		*NEW*
Software Engine	2K5_1000.007.001	- - - -	007.001		*NEW*
Software Scanner	2K5_1200.001.015	- - - -	001.015		
Software KSF	2KS_H000.003.003	- - - -	003.003		
Software DBA	J00_E000.004.003	- - - -	004.003		
Option Language BR	2K5_81BR.001.019	- - - -	001.019		
BROWSER	2H7_F000.001.015	- - - -	001.015		
FAX BOOT	5JP_5000.001.022	- - - -	001.022		
FAX APL	5JP_5100.C06.001	- - - -	C06.001		*NEW*
FAX IPL	5JP_5200.001.022	- - - -	001.022		
DP-670(B)	3K5_9500.007.001	- - - -	007.001	*	
PF-680 (2 cassette)	3K6_9000.001.006	- - - -	001.006		
DF-780(B) MAIN (1000)	5JA_9200.007.005	- - - -	006.001		*NEW*

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, ENGINE, LANGUAGE, PRINTER) to the latest version at the same time.
* Please upgrade the firmware of DP-670(B) when upgrading the firmware in the main machine.
And also, please confirm the version of the DP firmware and upgrade the DP firmware to the latest version when installing DP-670(B) newly.

PREVENTION THE BOTH SIDE EDGE IMAGE DROP OUT WHEN RECEIVING THE FAX DATA.

When setting the <Reduction priority>.

Reduction is originally necessary if either the main scanning direction size of the received data or the sub scanning direction size has exceeded the size of the printing paper when setting <Reduction priority *)>.
However, the both side edge image is not printed because the printing paper is printed in the real size without reduction.
This is because the comparison of the main scanning direction size is not executed.
(The example in right is the case that B5 size paper is set in the cassette.)



Change
This is changed so that the main scanning direction size is compared.
*) <100% magnification priority> is set as factory default.

This phenomenon may only occur in case the length of the sub scanning direction of the received data is smaller than the printing paper length. (A<B)
Reduction of the sub scanning direction is unnecessary because it is A<B that means the received data length is smaller than the printing paper length as in the figure above. The main scanning direction should be originally reduced because the printing paper length is smaller than the received data length. However, the received data is printed on B5R paper in the real size because the confirmation of length of the main scanning direction is omitted. So, the shaded area of the received data in the figure above drops out.

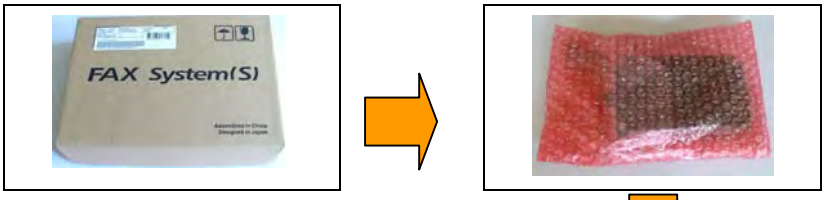
Classification	☐Entire Stock Rework	☐In-Field modification at next visit
	☒In-Field modification by case	☐No modification necessary
Field Measure:	Please upgrade the firmware to the latest version when the phenomenon described above arises.	
Serial Nos. of Affected Machine:	Planned from May 2010 production.	

TB 04 / FAX SYSTEM S – Attention by unpacking...

Fal-Mey/M
Date: 01-06-2010

TOPIC:

The DIMM-Module is disposed of the packing by mistake.



Remove the Fax System from the plastic bag.

Attention! Do not throw away the plastic bag.

It is necessary to remove the DIMM-Module first!

TB 05 / Note when replacing the SCANNER WIRE

SB-A184/M
Date: 16-06-2010

TOPIC:

WIRE SCANNER BLACK/GRAY (No.1, 2) are changed as below to improve the procurement.
Accordingly, marking to the terminal is changed from black to red.
And, an attention is required when replacing the parts according to this change.
Please refer to **Field Measure** as below.

Wire type:	(Before) EC75-100R2 --> (After) WS77-100
Outer diameter (Before resin coating*):	(Before) 0.75mm --> (After) 0.77mm
Strand diameter:	(Before) 0.05mm --> (After) 0.07mm
Number of strand:	(Before) 133 --> (After) 75

* New outer diameter after resin coating is same as the old one.

MARKING TO THE TERMINAL:

(The marking is applied to the side that faces SHAFT DRIVE when fitting the wire to DRUM PULLEY)

No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		SP	Remarks
				Old	New	Old	New		
1	2C912350	2KK17540	WIRE SCANNER BLACK	1	1	X	X	-	Machine rear side
2	2C912360	2KK17550	WIRE SCANNER GRAY	1	1	X	X	-	Machine front side

Parts with "O" indicates regular maintenance parts. The above-mentioned parts are not set as the spare parts in the Parts List.

Classification	☐Entire Stock Rework ☒In-Field modification by case	☐In-Field modification at next visit ☐No modification necessary
Field Measure:	**Please use either set of the new parts (No.1, 2) or the old when replacing the wires.**	
Serial Nos. of Affected Machine:	After using up the old stock.	

TB 06 / Note when replacing the PULLEY SCANNER

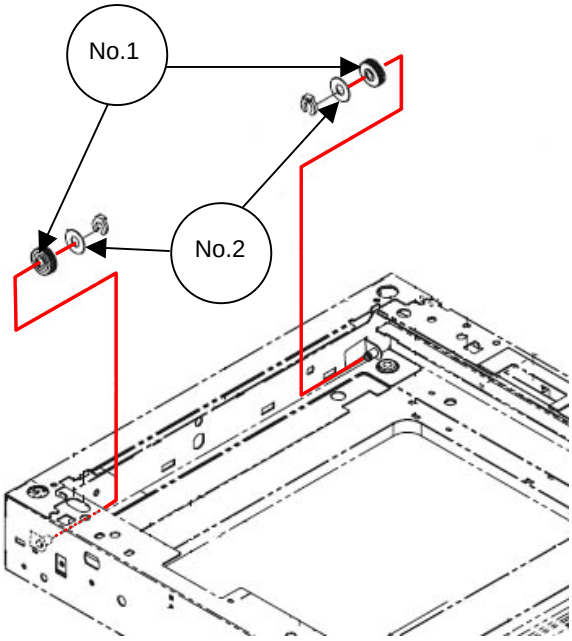
SB-A236/M
Date: 23-07-2010

TOPIC:

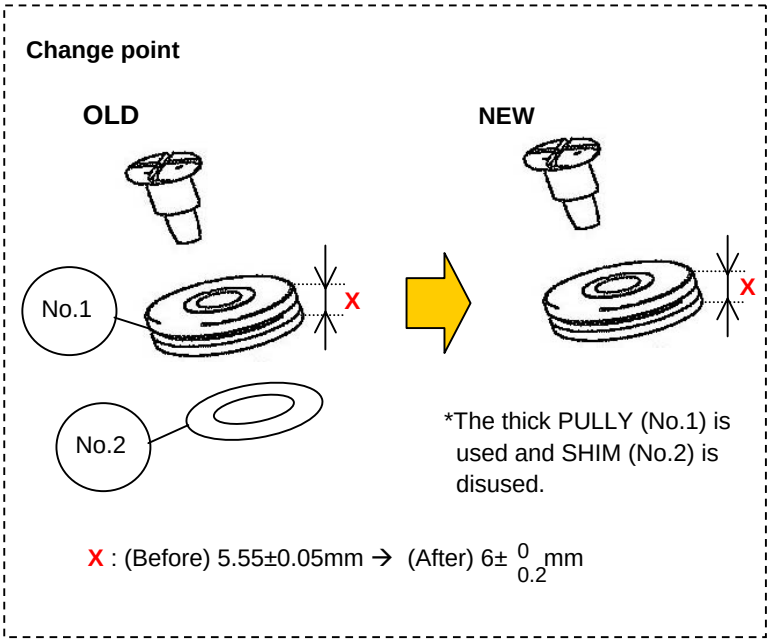
PULLEY SCANNER (No.1) used at the machine frame is changed as follows to improve work efficiency and for common use with other models.
According to this change, attention is required when replacing the parts. Please refer to **Field Measure**.

CONTENT OF CHANGES:

PULLEY SCANNER (No.1) is changed to thicker one and SHIM (No.2) is disused.



Machine front side



No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		SP	Remarks
				Old	New	Old	New		
1	2GR17820	2H717160	PULLEY SCANNER	2	2	O	O	-	
2	C2895950	----------	SHIM 6.2-1.0T	2	-	X	-	-	

Parts with "O" indicates regular maintenance parts.

Classification	☐Entire Stock Rework ☒In-Field modification by case	☐In-Field modification at next visit ☐No modification necessary
Field Measure:	Adding the SHIM (No.2) is not necessary when changing to new PULLY SCANNER (No.1).	
Serial Nos. of Affected Machine:	After using up the old stock.	

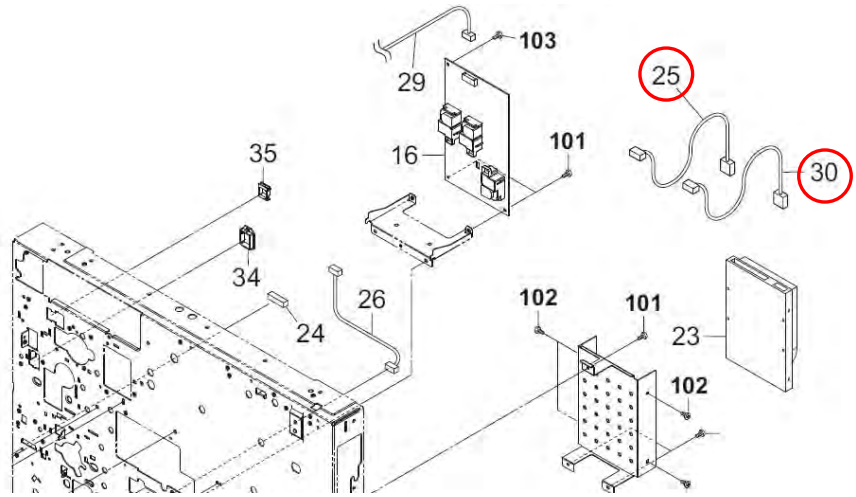
TB 07 / Correcting Parts List >HDD WIRE.....<

SB-A302/M
Date: 24-09-2010

TOPIC:

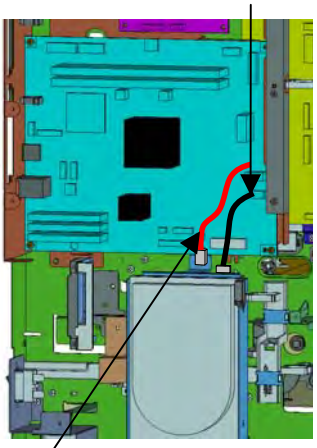
The parts number described in Parts List is corrected as below.

FIG. 22 ELECTRICAL COMPONENTS 2:



[Fitting position]

Ref.25: WIRE HDD POWER



Ref.30: WIRE HDD DATA

WRONG			
Fig.	**Ref.**	**Part No.**	**Description**
22	25	2K546050	WIRE HDD DATA
22	30	2K546130	WIRE HDD POWER

CORRECT	
Part No.	**Description**
2K546130	WIRE HDD POWER
2K546050	WIRE HDD DATA

Parts with [O] indicates regular maintenance parts. "+" Mark at the head of the description means it is a components parts.

Classification:	☐	Entire Stock Rework
	☐	In-Field modification at next visit
	☐	In-Field modification by case
	X	No modification necessary
Field Measure:		
Serial Nos.:		CD 1430 / DC 2430

TB 08 / DF 410 + DF 670 – Conveying guide sheet peel-off

SB-A326/M
Date: 13-10-2010

DF 410 → CD 1116, CD 1120, CD 1125 / DC 2116, DC 2120, DC 2125
DF 670 → CD 1325, CD 1330, CD 1430 / DC 2325, DC 2330, DC 2430

TOPIC:

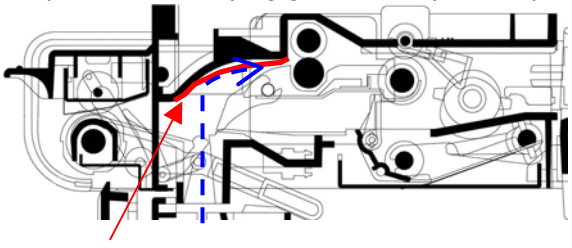
When the conveying guide sheet is rolled up by the heat effect, and the middle of the sheet peels off, the paper is not fed smoothlt because the paper feeding path becomes narrow and then JAM81 (Paper entry sensor nonarrival jam), etc. may occur. Therefore, the following is changed.

CONTENTS OF CHANGE:

The shape of the rear edge of the conveying guide sheet (No.1) is partly cut for improving the margin against peel-off.

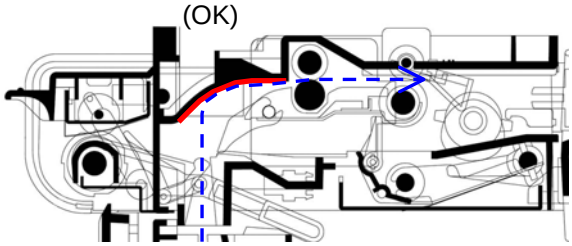
Cross-section view of the conveying section in the inner finisher

(NG: The conveying guide sheet peels off)



Conveying guide sheet (No.1)

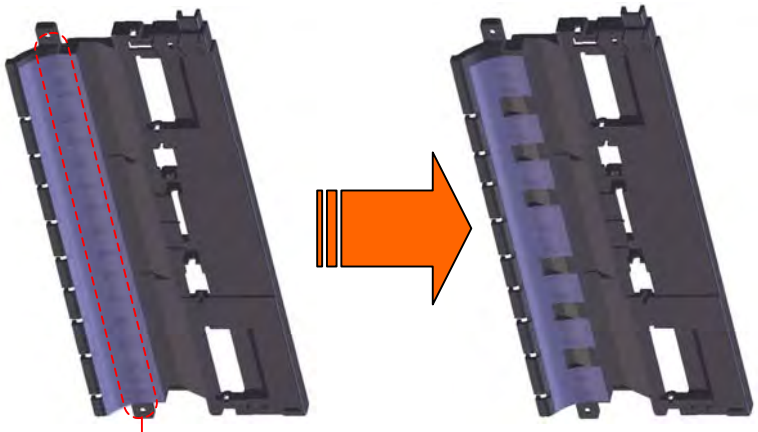
(OK)



Paper feeding path: - - →

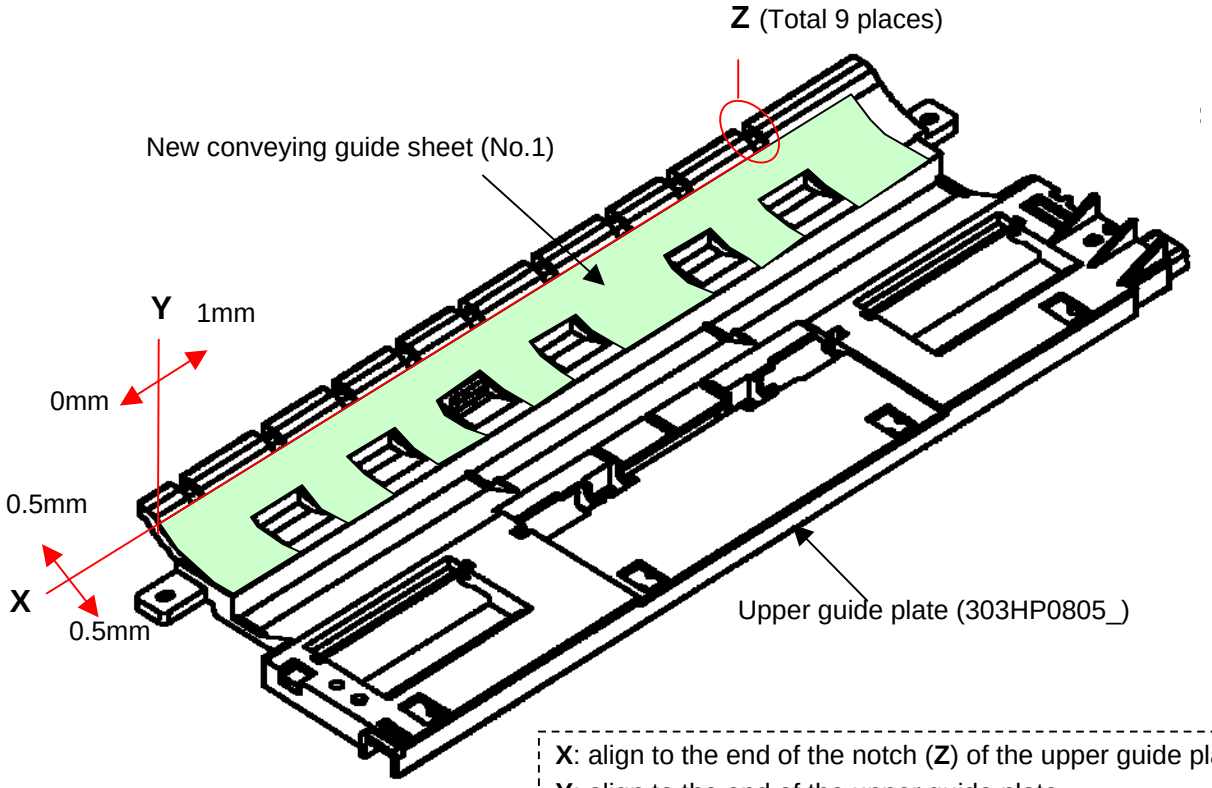
SHEET CONVEYING GUIDE (No.1)
(Below is the sheet affixed to the upper guide plate.)

(Before) (After)



Middle of the sheet:
The middle of the sheet peels off due to the pressure impressed toward the direction of peel-off the sheet because the middle of the sheet has less space to contact the upper guide plate.

Alignment of the new conveying guide sheet (No1)



X: align to the end of the notch (**Z**) of the upper guide plate
Y: align to the end of the upper guide plate

* Affix the sheet by pressing all area of the sheet enough.
After affixing, check if the sheet does not peel off.

No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		SP	Remarks
				Old	New	Old	New		
1	3LB24040	3MJ24040	SHEET CONVEYING GUIDE	1	1	X	O	O	

Parts with "O" indicates regular maintenance parts.

Classification:	☐ Entire Stock Rework ☐ In-Field modification at next visit ☒ In-Field modification by case ☐ No modification necessary
Field Measure:	When the above phenomenon occurs, please clean the affixing part with alcohol and replace the conveying guide sheet (No.1) to the new one.
Serial Nos.:	DF 410 DF 670 → Planned from the production in October 2010

TB 09 / Firmware Upgrade (V 6.00)

SB-A322/M
Date: 03-11-2010

CONTENT OF CHANGES:

	Changes and Implementations	Remarks
MAIN FRAME	Support of ID Card Reader	
	Support for **ISO15408** (Adding U010)	U010 [Set Maintenance Mode ID] is added so that ID used when entering into the maintenance mode can be changed. - ID is set with 8 digits. - ID arbitrarily consists of 0 to 9, * and #. (It must include * or #.) **Precaution:** changed ID is not reset with the initialization. Therefore, please surely record changed ID not to forget.
	Support for UG-34/UPGRADE KIT (Additional support kit for emulation)	-----
	Measure against the problem when using the optional NIC	If the optional NIC (made by SEH) was in use, "PCL XL error" might appear when printing PDF data. Therefore, this was corrected
	Measure against the system error when printing certain PDF	-----
	Measure against white spots when outputting certain forms	The characters and the ruled line were partly skipped from the image when outputting the certain forms. Therefore, this was corrected
	Measure against the dropping out of the logo with the certain data	The logo to be printed on the second sheet or after dropped out from the image when printing certain data. Therefore, this was corrected.
	Measure against the image failure when printing certain PS forms	The diagonal line inside the frame was mistakenly printed when printing certain PS forms. Therefore, this was corrected.
	Measure against the dropping out of frame lines and ruled lines with certain file	The frame lines and the ruled lines dropped out from the forms when certain PCL forms were printed. Therefore, this was corrected.
	Measure against the abnormal image with certain file	Part of the image appeared as solid black image when printing certain PCL Macro data. Therefore, this was corrected.
	Measure against the print failure with certain PS data	-----
	Measure against the connection failure to the mail server when turning the power ON	The change was made so that the report mail sending executed when turning the power ON will be retried unless the machine could be connected to the server.
	Measure against the printing failure with certain PDF file at USB direct-printing	-----
	Measure against image shift with the certain illustrator data	-----
	Measure against CF46F error with certain vector works file	CF46F error might appear when certain vector works file was printed. Therefore, this was corrected.
	Measure against CF48C error when printing the fax receiving data.	-----
	Measure against the original sending failure in DBA	The original that exceeds 85 pages can not be sent in DBA. Therefore, this is corrected.

FIRMWARE:

Version: 6.00		
Typ	**File**	**Remarks**
MAIN	2K5_2F00.006.016	← *NEW*
MMI	2K5_7000.006.012	← *NEW*
ENGINE	2K5_1000.007.001	
SCANNER	2K5_1200.001.015	
SOLUTION - KSF	2KS_H000.006.004	← *NEW*
SOLUTION - DBA	J00_E000.005.001	← *NEW*
OPTION LANGUAGE BR	2K5_81BR.001.026	← *NEW*
BROWSER	2H7_F000.001.015	
FAX BOOT	5JP_5000.001.022	
FAX APL	5JP_5100.C08.002	← *NEW*
FAX IPL	5JP_5200.001.022	
DP 670	3K5_9500.007.001	← *Note*
PF 680	(3K6_9000.001.006)	*The firmware cannot be upgraded.*
DF 780 MAIN	5JA_9200.007.005	

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, MMI, ENGINE, SCANNER, LANGUAGE) to the latest version at the same time.

Note: Please upgrade the firmware of DP-670(B) when upgrading the firmware in the main machine.
And also, please confirm the version of the DP firmware and upgrade the DP firmware to the latest version when ^ installing DP-670(B) newly.

Classification:	[ ]	Entire Stock Rework
	[ ]	In-Field modification at next visit
	[X]	In-Field modification by case
	[ ]	No modification necessary
Field Measure:	Please upgrade the firmware if necessary. And please upgrade all the firmware to the latest version at the same time when upgrading.	
Serial Nos.:	CD 1430 / DC 2430 Planned from the production in October 2010.	

TB 10 / Firmware Upgrade (V 7.00)

2K5-B070/M
Date: 04-03-2011

TOPIC:

The firmware was upgraded as follows.

CONTENT OF CHANGES:

- Support for initialization of "Set Maintenance Mode ID" at U010.
  U010 that can change PIN code of the maintenance mode was added at the previous version.
  However, it could not be initialized from the normal maintenance mode. Therefore, following is changed to enable it.
  Change: Adding "Initialize" button in the operation panel to enable initialization.
- Relocation of the print position of the machine serial number information on the sample pattern (U089)
  The machine serial number is not printed when A3 pattern is printed to A4 paper at U089 [Outputting the MIP-PG pattern].
  Therefore, the print position is relocated to the leading edge section of the paper.
- Support for charge counter back-up method at U004 [Setting the machine number].
  Charge counter is now returned to the EEPROM with the serial number by executing U004 when detecting C0180 error if the EEPROM in the main machine is out of order.
  1. Install the EEPROM with MAC address written to the mainframe.
  2. Store the new firmware to the USB memory.
  3. Turn the power on. (Firmware update starts.)
  4. C0180 occurs if turning the power off and on after finishing update.
  5. C0180 is released with executing U004.

  Precaution: Please surely upgrade the firmware before releasing C0180. If releasing without upgrade, the data is cleared as before.
- Measure against Kerberos authentication failure.
  Kerberos authentication from MFP may fail when the expiry date for use of the user account approaches. - Therefore, this is corrected.
- Measure against F000 error with a certain data.
  F000 may occur when continuously printing a certain data. - Therefore, this is corrected.
- Measure against CF248 error with a certain data.
- Measure against CF46F error with a certain data.
- Measure against print failure with umlaut font.
  Umlaut font may not be correctly printed out with Ver. 6.00 that is the version at the previous time. Therefore, this is corrected.
- Changing the message of toner supply (Add toner) in French.
  Changing the message of toner supply (Add toner) in French because the message may be misunderstood.
  "Ajout du toner" --> (Change request) "Rechargement toner en cours.
- Support for a certain macro data.
  Actual result may differ from the expected one when outputting a certain macro data. - Therefore, this is corrected.

FIRMWARE:

Version: 7.00		
Typ	**File**	**Remarks**
MAIN	2K5_2F00.007.004	← *NEW*
MMI	2K5_7000.007.001	← *NEW*
ENGINE	2K5_1000.007.001	
SCANNER	2K5_1200.001.015	
SOLUTION - KSF	2KS_H000.006.005	← *NEW*
SOLUTION - DBA	J00_E000.005.001	
OPTION LANGUAGE BR	2K5_81BR.001.026	
BROWSER	2H7_F000.001.015	
FAX BOOT	5JP_5000.001.022	
FAX APL	5JP_5100.C08.002	
FAX IPL	5JP_5200.001.022	
DP 670	3K5_9500.007.001	← *Note*
PF 680	(3K6_9000.001.006)	*The firmware cannot be upgraded.*
DF 780 MAIN	5JA_9200.007.005	

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, MMI, ENGINE, SCANNER, LANGUAGE) to the latest version at the same time.

Note: Please upgrade the firmware of DP-670(B) when upgrading the firmware in the main machine.
And also, please confirm the version of the DP firmware and upgrade the DP firmware to the latest version when installing DP-670(B) newly.

Classification:	☐	Entire Stock Rework
	☐	In-Field modification at next visit
	X	In-Field modification by case
	☐	No modification necessary
Field Measure:	Please upgrade the firmware if necessary. And please upgrade all the firmware to the latest version at the same time when upgrading.	
Serial Nos.:	CD 1430 / DC 2430 Planned from the production in February 2011.	

TB 11 / DP 670 - Measure against paper jam

COM-B095/M
Date: 19-04-2011

TOPIC:

Rear part of the DP frame guide may be warped by the torque from the DP hinges in high temperature environment and the level is higher than the original guide plate at the main machine side. Then, leading edge of the original may be caught by the guide that may cause jam (J7*) or blurred image. - Therefore, following are changed.

CONTENT OF CHANGES:

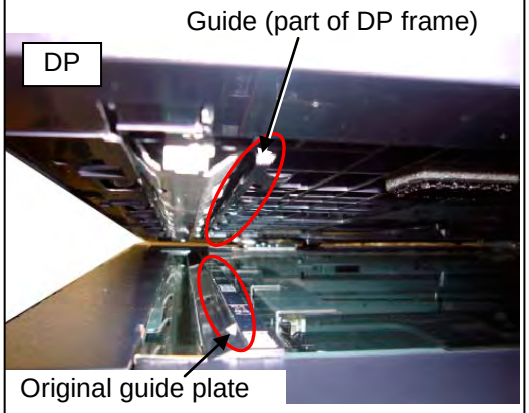
Following are changed to improve margin for paper conveying.

5 pcs. (5 locations) of FILM PULLEY(No3) are currently affixed at the leading edge of the guide.

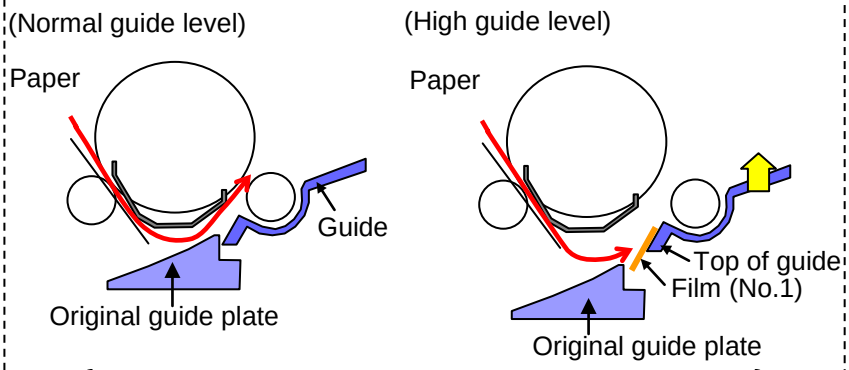
(Field measure) FILM BASE SP(No1) are affixed on 5 locations of FILM PULLEY(No3).
(Affixed on the current films)
(Production) 2 locations at the rear side are changed to FILM BASE(No2).

*Refer to the next page for details.

Guide and original guide plate

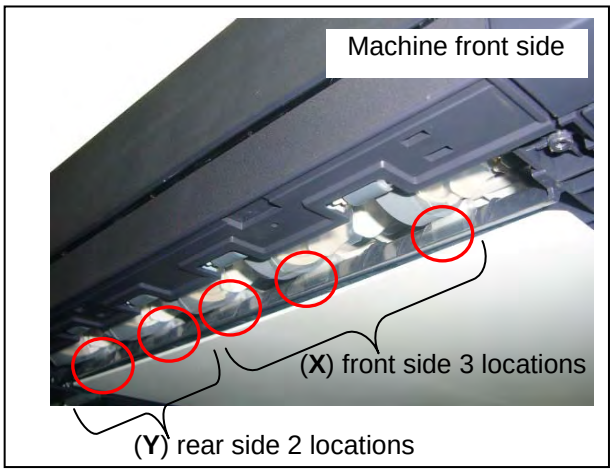


Cross-section view

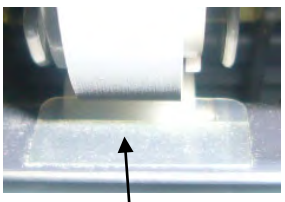


Leading edge of original may be caught by the DP guide if the level is high. Film (No.1) are added.

BEFORE:

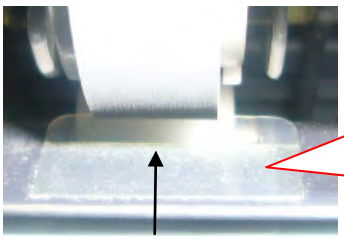


<X/Y 5 locations>

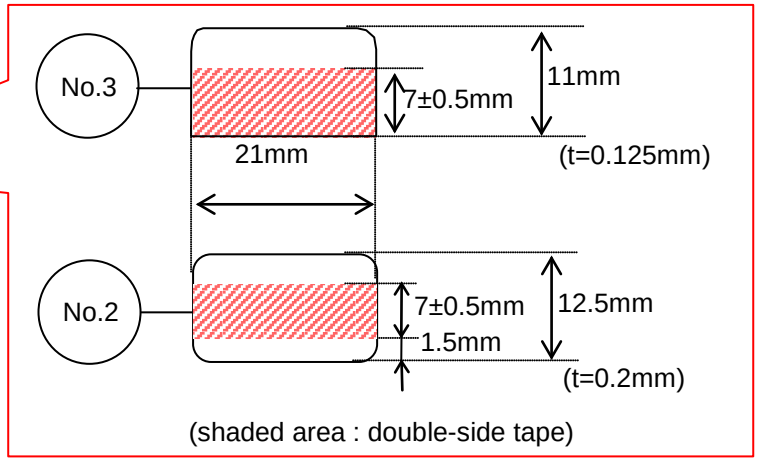


PRODUCTION MEASURE:

2 locations of FILM at the rear side marked (**Y**) are changed.



FILM PULLEY(No.3) → FILM BASE(No.2)
(**Y** 2 locations only)

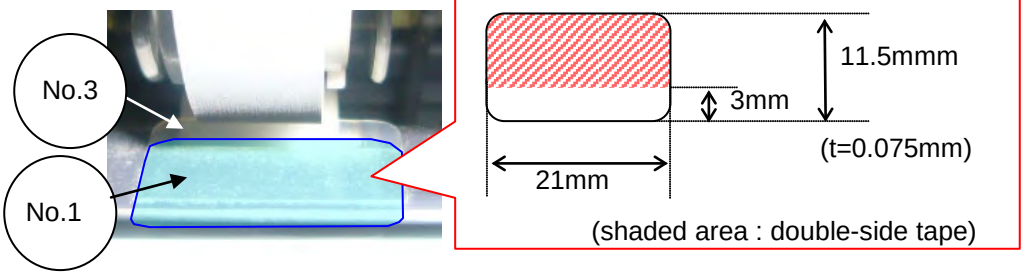


<FILM BASE (No.2) alignment>

Run-over tolerance from guide 1.5mm

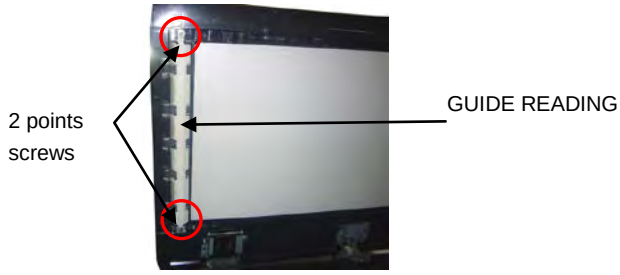
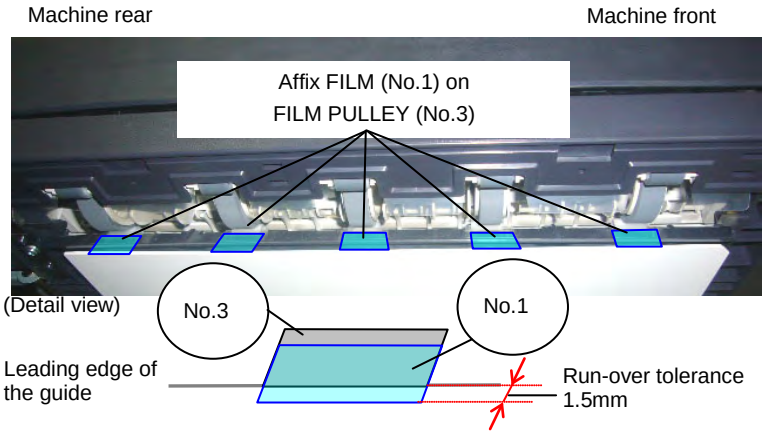
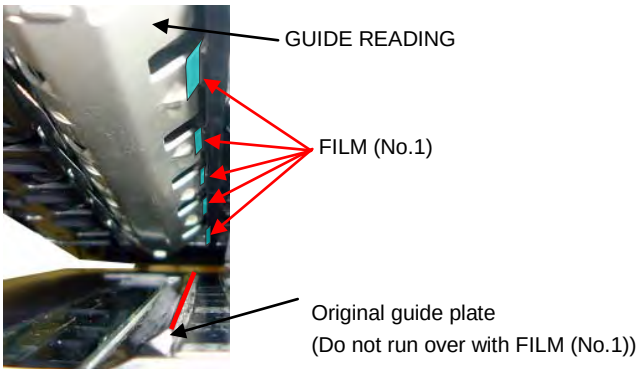
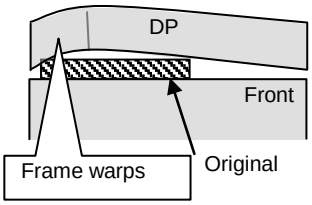
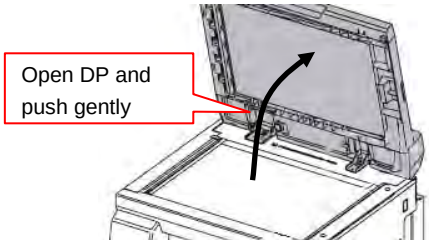
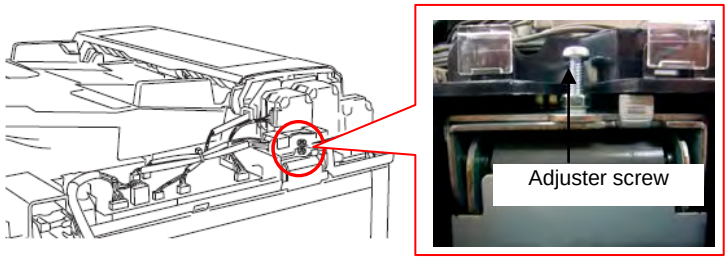
FIELD MEASURE:

FILM (No.1) is added to 5 locations of FILM PULLEY(No.3) that are currently affixed on the DP guide.
(FILM (No.1) may be affixed on 3 locations at the front side to improve the margin, however, in case the DP hinge is aligned to the maximum, front 3 locations may run over the original guide plate. Do not affix FILM if it runs over)



Affixing condition

Affixing FILM (No.1)

No	Procedures	Detailed view
1	Take out GUIDE READING	
2	Clean the surface of 5 locations of FILM PULLEY (No.3) to affix FILM (No.1) with alcohol and then affix it. *Do not peel off FILM PULLEY(No.3) but overlay on it.	
3	Reinstall GUIDE READING that was taken out in the procedure 1. Check if FILM (No.1) does not run over the original guide plate. (In case the DP hinge is aligned to the maximum, it may run over the original guide plate. Check amount of run-over. Do not affix FILM at front side if it runs over.	
4	Check machine by side view if DP has no gap or is not warped. In case gap or warp is found, adjust **A** and **B**. **A)** Rear part of the DP may be warped in case book original is placed and DP is pressed too much. Correct it by once opening DP and gently push as shown in the figure right. **B)** Adjust the level with the adjuster Screw at the machine rear side.	**A)** Correcting DP   **B)** Level adjustment with adjuster screw 

No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		Remarks	
				Old	New	Old	New		
1	--------	3MX94060	PARTS FILM BASE SP	-	1	-	O	*1	**SET (5 pcs.)** Only for field measure
2	--------	3MX02080	FILM BASE	-	1	-			for production
3	3K524110	3K524110	FILM PULLEY					*2	for production

*1) Affix it on FILM PULLEY(No.3) on the DP guide.
Thickness of the film and FILM PULLEY (No.3) is same as the one of FILM BASE (No.2)
*2) 2 pcs. at the rear side are changed to No.2 (production line)

Classification:	☐ Entire Stock Rework ☐ In-Field modification at next visit ☒ In-Field modification by case ☐ No modification necessary	
Field Measure:	Please affix FILM (No.1) that is a set of 5 pcs. when the above phenomenon arises. (Refer to page 3 to affix the FILM).	
Serial Nos.:	DP 420 DP 670	} Planned from the production in March 2011.

TB 12 / DP 670 - Measure against jam of the half-fold...

3K5-B096/M
Date: 19-04-2011

TOPIC:

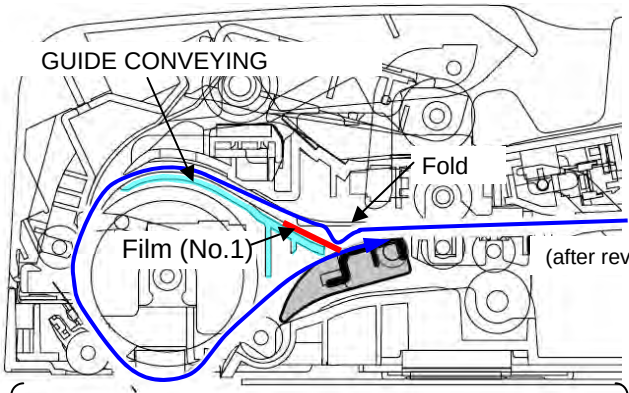
Dog ear or wrap-around jam (J7*) may occur if the leading edge of the original is caught up by the fold on the paper at the duplex switch-back for 2nd side scanning when feeding the half-fold A3 size original in duplex.
Therefore, following are changed.

CONTENT OF CHANGES:

FILM (No.1) is set as a service parts that is to affix on GUIDE CONVEYING in order to prevent contact to the fold.

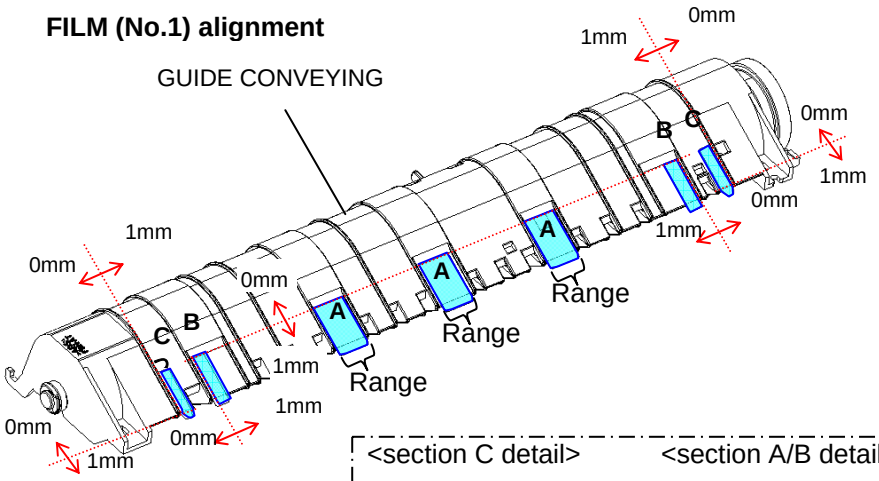
Half-fold A3 original setting

DP cross-section view

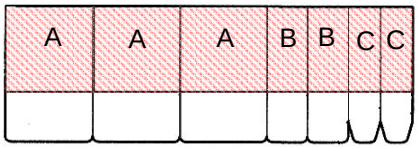


FILM (No.1) is added to prevent the leading edge of original is caught up at the fold part in the reversed paper path

FILM (No.1) alignment

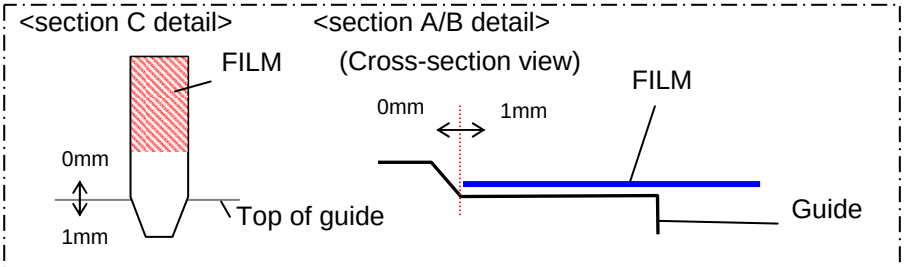


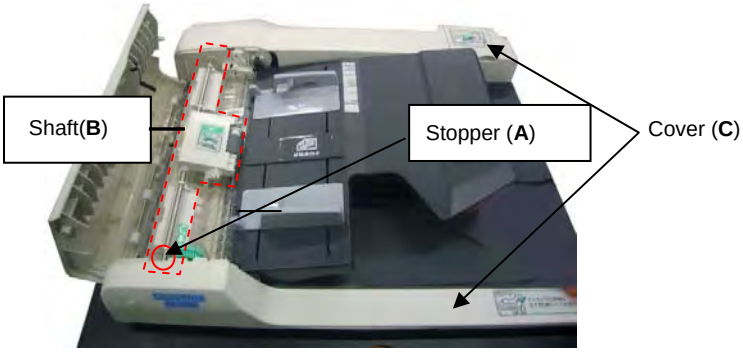
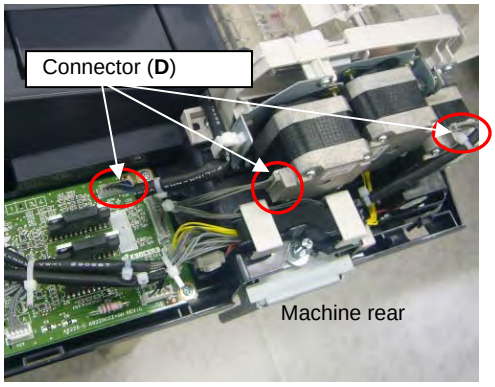
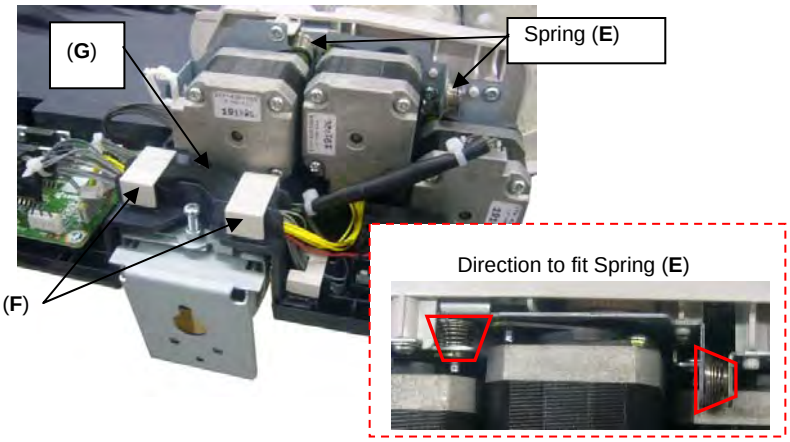
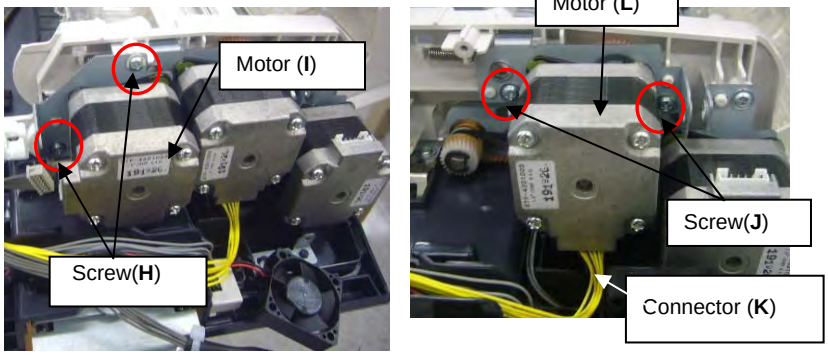
FILM (No.1)

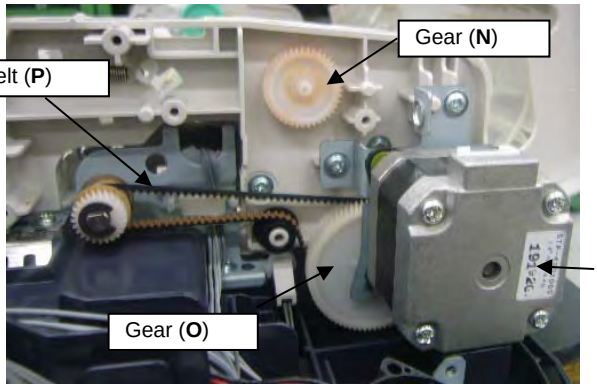
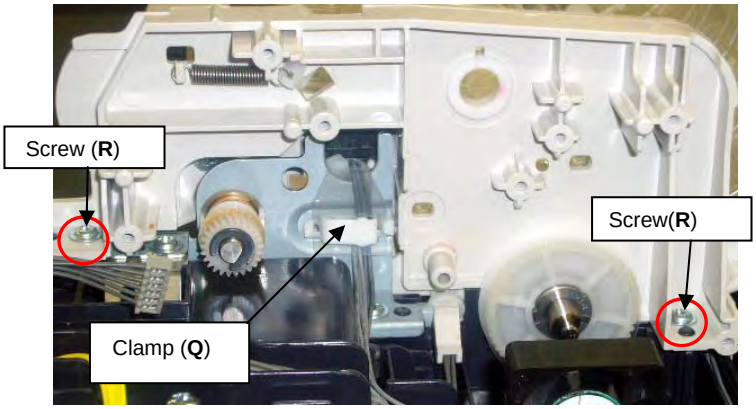
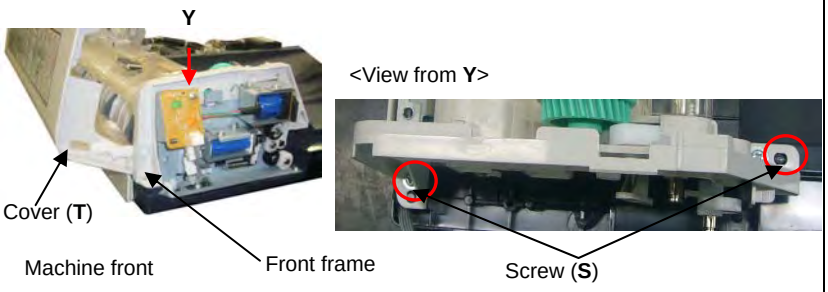
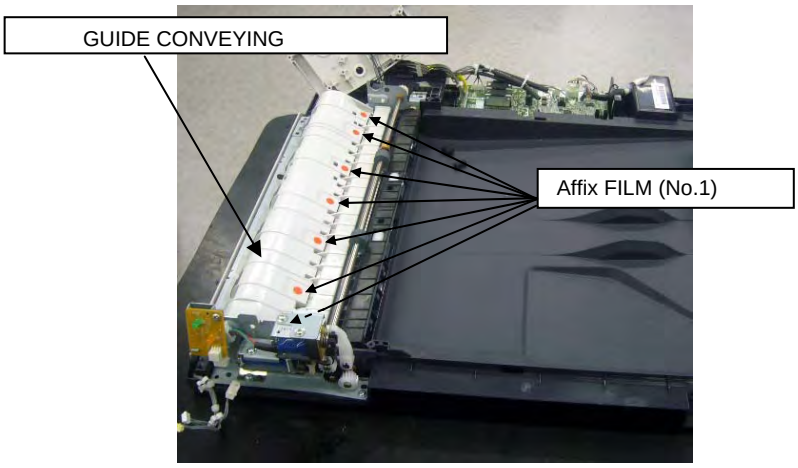


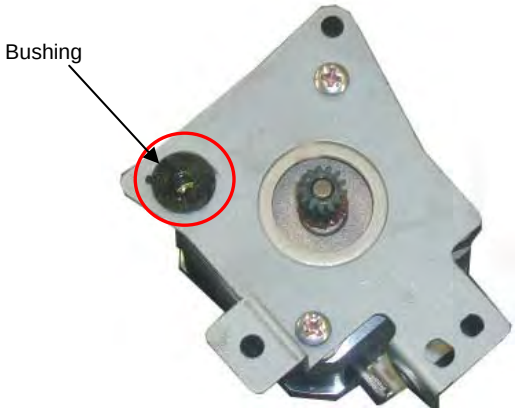
(shade area : double-side tape)
t=0.1mm

*7pcs films are separated and put on a carrier sheet so that each can be peeled off.



Affixing FILM (No.1)		
	Procedure	**Detailed view**
1	Remove Shaft (B) after removing Stopper (A). Then, remove Cover (C) at the front and rear side.	
2	Remove Connector (D) at the DP rear side from the PWB and motor.	
3	Remove the parts (E to G) surrounding the motor. Take care of direction of Spring (E) to fit.	
4	Remove Motor (I) after removing 2 pcs. of Screw (H). Remove Motor (L) after removing 2 pcs. of Screw (J) and Connector (K).	

5	Remove 3 pcs. of Screw and remove Motor (M). Remove Gear (N and O) and remove Belt (P). *Gears behind Gear (N) and Gear (O) may not be removed. *Refer to the remark in page 4 when fitting Motor (M).	
6	Open Clamp (Q) and remove 2 pcs. of Screw (R).	
7	Remove 2 pcs. of Screw (S) at the DP front side and remove Frame at the front and rear side while lifting it. Remove Cover (T).	
8	Affix FILM (No.1) to 7 locations on GUIDE CONVEYING according to the alignment (Refer to page 1)	

9	Reinstall the parts that are removed after affixing FILM (No.1)	<u>Remark when fitting MOTOR (**M**)</u> Fit it to the DP rear frame after confirming the bushing is fitted on the metal plate. 

No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		Remarks	
				Old	New	Old	New		
1	--------	3K54120	FILM RESERVE SP	-	1	-	O	*1	**SET (7 pcs.)**

Classification:	☐ Entire Stock Rework ☐ In-Field modification at next visit ☒ In-Field modification by case ☐ No modification necessary
Field Measure:	Please affix FILM (No.1) on GUIDE CONVEYING after cleaning it with alcohol in case the above phenomenon arises. Refer to below to affix FILM (No.1).
Serial Nos.:	DP 670 → This is for the service part and no affected machine serial number exists.

TB 13 / Firmware Upgrade (V 7.02)

2K5-B148+122/M
Date: 14-06-2011

TOPIC:

The firmware is upgraded as follows.

CONTENT OF CHANGES:

- The following setting is changed to support the Green Mark for China.

  Sleep timer for China: 15 minutes to 1 minute (This does not affect other models than China).

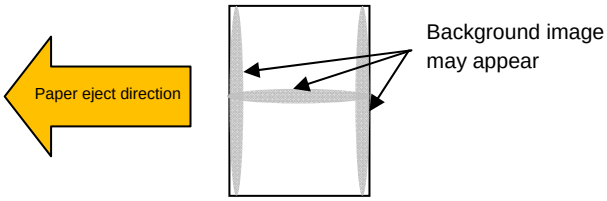
- Corrective measures for background image on the DP scanned copy.

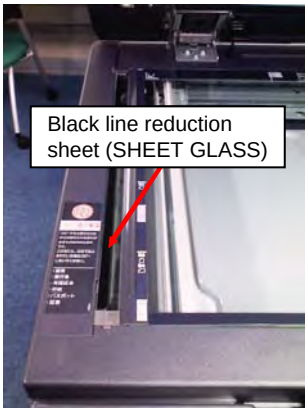
  Appropriate scan image intensity is not secured causing the background image to appear in the center or at the bottom of a page if there is no allowance in clearance between the original image scanning position with the DP and the black film affixed on the slit glass.*1 Therefore, the following are changed.

  *1: in case the scanning position is shifted to the left side of the machine depending on the tolerance of the parts assembly and BLACK LINE position set to 3 that is to detect black line by dust, etc. (scanning position for in the U068)

  Change:
  The DP scanning position is adjusted to prevent the influence of the parts assembly tolerance when executing U411 [Adjusting scanner automatically].

  Tolerance of the distance between the PI at the home position and the leading edge of the original is calculated by using the adjustment value for the scanner leading edge registration in U066 [Adjusting the scanner leading edge registration] and it is reflected in U068 [Adjusting the scanning position for originals from the DP]





  Test copy with the scanning position of 0, 1, 2 and 3 in [Black Line] setting in the maintenance mode U068 [Adjusting the scanning position for originals from the DP] to check if the black line or background image appears.

  If image failure appears with the set value other than 0, input the value below for DP READ. Reference for U068 DP READ value = 3 – U066 (FRONT) set value

  Again, test copy with the scanning position of 0, 1, 2 and 3 for the [Black Line] setting in the maintenance mode U068 [Adjusting the scanning position for originals from the DP] to check for black lines, etc. appear and normal image is scanned.

- Change of control when detecting toner empty

  Toner empty status is cancelled if the toner container is once taken out of the machine and reinstalled after shaking it. In case this operation is repeated to print, faint print or background image may appear. Therefore, the following are changed.

  Change:
  The control when the toner container is replaced is changed as below whenever [Toner low] or [Replace toner] message appears. This includes the case when the toner container is once taken out and reinstalled after shaking.
  It returns to [Toner low] or [Replace toner] status again if the toner sensor detects toner empty after the machine started toner filling.
  If toner empty is not detected for the certain printed pages, it returns to the regular status for the toner sensor.

FIRMWARE / UPGRADE PACK V7.02		
Typ	**File**	**Remarks**
MAIN	2K5_2F00.007.200	← *NEW*
MMI	2K5_7000.007.001	
ENGINE	2K5_1000.008.001	← *NEW*
SCANNER	2K5_1200.001.015	
SOLUTION - KSF	2KS_H000.006.005	← *NEW*
SOLUTION - DBA	J00_E000.005.001	
OPTION LANGUAGE BR	2K5_81BR.001.026	
BROWSER	2H7_F000.001.015	
FAX BOOT	5JP_5000.001.022	
FAX APL	5JP_5100.C08.002	
FAX IPL	5JP_5200.001.022	
DP 670	3K5_9500.007.001	← *Note*
PF 680	3K6_9000.001.006	*The firmware cannot be upgraded.*
DF 780 MAIN	5JA_9200.007.005	

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, MMI, ENGINE, SCANNER, LANGUAGE) to the latest version at the same time.

Note: Please upgrade the firmware of DP-670(B) when upgrading the firmware in the main machine.
And also, please confirm the version of the DP firmware and upgrade the DP firmware to the latest version when installing DP-670(B) newly.

Classification:	☐ Entire Stock Rework ☐ In-Field modification at next visit ☒ In-Field modification by case ☐ No modification necessary	
Field Measure:	Please upgrade the Firmware if necessary.	
Serial No.:	CD 1430 – DC 2430	Planned from the production in May, 2011.

TB 14 / Change of cassette size detection board and wire

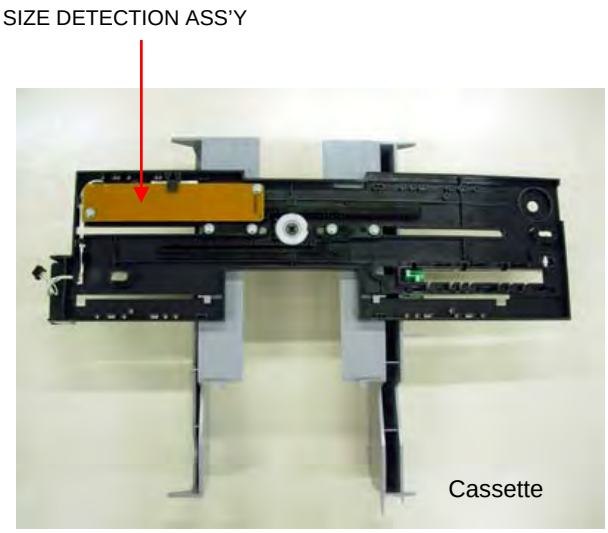
COM-B169/M
Date: 27-06-2011

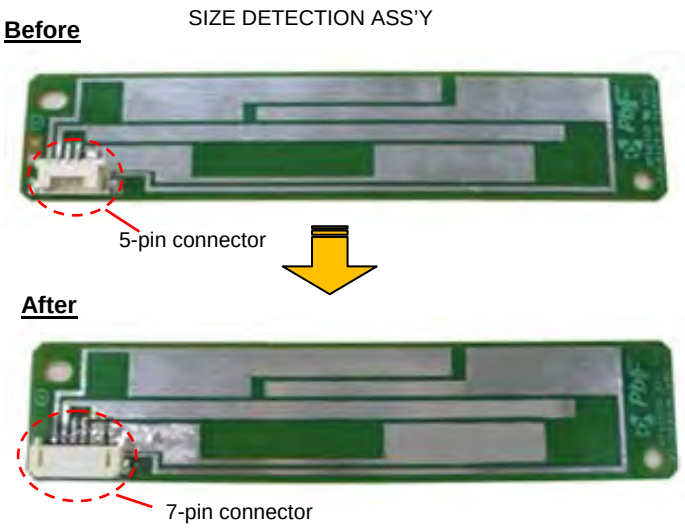
TOPIC:

The size detection board and wire for cassette and bypass are changed as the measures for the parts temporarily hard to procure. Please note an attention is required after this change.

CONTENT OF CHANGES:

The connector on the size detection board is changed from 5-pin type to 7-pin.
The connector at the size detection board side on the wire for the cassette and bypass is changed from 5-pin type to 7-pin after the change.





No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		Remarks
				Old	New	Old	New	
1	2FG01020	2H701330	SIZE DETECTION ASS'Y	1	1	X	O	**7-pin board**
2	2GR46450	2GR46810	WIRE CASSETTE UNIT	1	1	X	O	**7-pin connector wire**
3	2GR46230	2GR46800	WIRE CASSETTE UNIT	1	1	X	O	**7-pin connector wire**

Classification:	[ ] Entire Stock Rework [ ] In-Field modification at next visit [ ] In-Field modification by case [X] No modification necessary
Field Measure:	Only information
Serial Nos.:	CD 1025 - DC 2025 CD 1030 - DC 2130 CD 1035 - DC 2035 CD 1040 - DC 2140 CD 1050 - DC 2150 CD 1230 - DC 2230 CD 1240 - DC 2240 CD 1242 - DC 2242 CD 1250 - DC 2250 CD 1252 - DC 2252 CD 1325 - DC 2325 CD 1330 - DC 2330 CD 1430 - DC 2430 CDC 1520 - DCC 2520 CDC 1525 - DCC 2525 CDC 1532 - DCC 2532 CDC 1625 - DCC 2625 CDC 1632 - DCC 2632 CDC 1635 - DCC 2635 CDC 1725 - DCC 2725 CDC 1730 - DCC 2730 CDC 1740 - DCC 2740 CDC 1840 - DCC 2840 CDC 1850 - DCC 2850 LP 3036 - LP 4036 LP 3051 - LP 4051 LP 3140 - LP 4140 LP 3151 - LP 4151 CLP 3532 - CLP 4532 CLP 3550 - CLP 4550 PF 670 PF 680 PF 700 PF 710 PF 720 } After using up the stock.

TB 15 / Note when replacing the parts (USB cable)

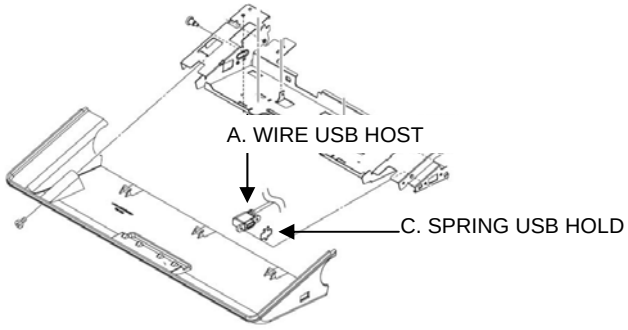
2H7-B154/M
Date: 08-07-2011

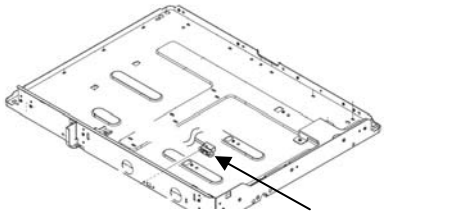
TOPIC:

The USB cable is changed for the part procurement ease. Accordingly, an attention is required when replacing the part.

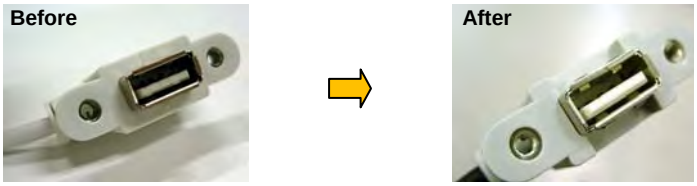
CONTENT OF CHANGES:

		Changes	Remarks	Applied to:
A	WIRE USB HOST	Change of connector to connect a USB memory Cable color white -> black	A cable to connect a USB memory	No.2
B	WIRE MAIN-PANEL USB	Cable color white -> black	A cable to connect between the panel board and the main board	No.4
C	SPRING USB HOLD	Change of shape after change A		No.3
D	SET	Set of A and C,		No.1

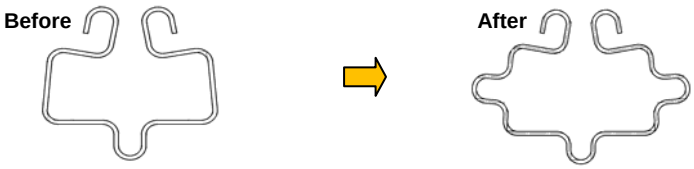




WIRE USB HOST USB
memory slot side (No.2)



SPRING USB HOLD
(No.3)



No.	Old Part No.	New Part No.	Description	Q'ty		Compatibility		Remarks
				Old	New	Old	New	
1	--------	2K594340	PARTS WIRE USB SET	-	1	-	O	**D**
2	2K546020	2K546021	+WIRE USB HOST	1	1	X	X	**A**
3	2H005661	2K905900	+SPRING USB HOLD	1	1	X	X	**C**
4	2K546431	2K546432	WIRE MAIN-PANEL USB	1	1	O	O	**B**

Classification:	☐	Entire Stock Rework
	☐	In-Field modification at next visit
	☐	In-Field modification by case
	[X]	No modification necessary
Field Measure:	Please replace when the above phenomenon occurs.	
Serial Nos.:	CD 1430 - DC 2430	→ From the available timing in June 2011 production.

TB 16 / Firmware Upgrade (V 8.00)

2K5-B299/M
Date: 27-09-2011

TOPIC:

The firmware was upgraded as follows.

CONTENT OF CHANGES:

- KMPM support.
  Device license and Simple Follow Me Print are supported.
- Changes on PanelPlus and FMU are implemented at the man machine side.
- Corrective measures for the CF245 error.
- Corrective measures for the operation panel lock-up (lock-up at restart).
  The operation panel may be locked up (without response of the hardware key and touch panel). - Therefore, this is corrected.
- Corrective measures for the Maintenance Report not being attached after the C0630 error.
  The Maintenance Report may not be attached after the C0630 error (DMA error). - Therefore, this is corrected.
- Corrective measures for the failure when the optional NIC from SEH is installed.
  The memory LED continues flashing after printing a certain file via the optional NIC from SEH. - Therefore, this is corrected.
- The "admin00" password is support.
- Prevention of the Command Center contents overwriting.
- KWOM (OM-macro4 spool system) printing data send is supported.
  PJL STATUS is not completely returned in the KWOM (OM-macro4 spool system) printing data sending. - Therefore, this is corrected.
- Characters with umlaut are supported for the SMB function path name from the Command Center.
  Characters with umlaut are not usable to register the path for the SMB function from the Command Center.(failure in the previous upgrade pack 7.00). Therefore, this is corrected.
- Corrective measures for the discrepancy between the total values and total sum of the individual accounting values in the Accounting System Report.
  The total sum of the Account ID Total and the total that appears at the "All Accounts" as the last column of the ACCOUNT.REPORT may be different when printing the ACCOUNT.REPORT. - Therefore, this is corrected.
- Corrective measures for the failure of the PDF direct print from the USB memory.
  The main machine may lock up when attempting a certain operation for the PDF direct printing from the USB memory. - Therefore, this is corrected.
- Corrective measures for the CF2A4 error when receiving the i-Fax.
  The data may not be converted and the CF2A4 error may appear if it contains the unconvertible data when receiving the i-Fax. - Therefore, this is corrected.
- Correction of spell of the German [Quality] tab in the operation panel.
  The spell of [Quality] tab in German is incorrect that appears when opening [Copy] page in the operation panel. - Therefore, this is corrected. Before: qualitat → After: Qualität
- Corrective measures for the FAX memory transmission failure when installing the optional FAX memory.
  The FAX memory may fail to be initialized with the internal control version file error at start-up and the FAX memory transmission may fail. Therefore, it is so corrected the version file is rebuilt to be correctly initialized if it contains errors.
- Corrective measures for the communication errors SNMP OID 1.3.6.1.2.1.43.7.1.1.2.1.7 .
- Correcting the German Command Center.
- Corrective measures for the output tray selection disabled when Collate/Offset Each Set is selected.
  The printer output tray may not be selected as specified with the system menu setting below. - Therefore, this is corrected.
  System Menu → Common settings → Function Default → Collate/Offset [Collate: On, Offset: Offset Each Set (Offset Each Page)].
- The page order in the booklet copy is corrected in a certain setting.
  The page order is correct but descending in the booklet copy in a certain setting. - Therefore, this is corrected.
- Corrective measures for the failure that other box is opened with a certain operation for Document Box.
- Corrective measures for gabled characters with umlaut and failure of font selection for texts.
  Characters with umlaut are garbled and texts are printed in wrong fonts. - Therefore, this is corrected.
- Corrective measures for the barcode image failure that is described in the PCL.
  The barcode described in the PCL is printed as an compressed image aligned to the left. - Therefore, this is corrected.
- Corrective measures for the lock-up occurring when printing a certain file.

- Corrective measures for the failure with a data containing the Prescribe commands.
  Only one set is printed with watermark when printing a data containing SCG; and RPG; of the Prescribe commands. - Therefore, this is corrected.
- Corrective measures for the CF248 error with a certain system.
- Corrective measures for the CF248 error with a certain file.
- Corrective measures for the characters dropout with a certain file.
- Corrective measures for the lock-up when printing macro forms saved in a CF card.
- Corrective measures for the print failure when printing a certain file.
  The two-dimensional barcode may not be printed out with a certain file. - Therefore, this is corrected.
- Corrective measures for the print failure with a certain font data.
  A part of fonts is not correctly printed with a certain users data. - Therefore, this is corrected.
- Character spacing is wrong with a certain macro data.
- Corrective measures for the print failure with a certain barcode.
  A certain barcode is not correctly printed. - Therefore, this is corrected.
- Corrective measures for the font failure when printing a certain file.
  A part of fonts are printed with 90 degree rotated when printing a certain file. - Therefore, this is corrected.
- Corrective measures for the failure with a certain PDF file.
  "0" may not be printed when printing a certain PDF data. - Therefore, this is corrected.

FIRMWARE UPGRADE PACK V 8.00		
Typ	**File**	**Remarks**
MAIN	2K5_2F00.008.010	← *NEW*
MMI	2K5_7000.008.008	← *NEW*
ENGINE	2K5_1000.008.001	
SCANNER	2K5_1200.001.015	
LANGUAGE	2K5_81BR.001.028	← *NEW*
BROWSER	2H7_F000.001.016	← *NEW*
KSF	2KS_H000.008.001	← *NEW*
DBA	J00_E000.005.001	
FAX BOOT	5JP_5000.001.022	
FAX APL	5JP_5100.C09.001	← *NEW*
FAX IPL	5JP_5200.001.022	
DP 670	3K5_9500.007.001	
PF 680	3K6_9000.001.006	*
DF 780 MAIN	5JA_9200.007.005	

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, MMI, ENGINE, SCANNER, LANGUAGE) to the latest version at the same time.

* → The firmware cannot be upgraded.

Classification:	☐	Entire Stock Rework
	☐	In-Field modification at next visit
	☒	In-Field modification by case
	☐	No modification necessary
Field Measure:	Please upgrade the firmware if needed.	
Serial Nos.:	CD 1430 / DC 2430 → Planned from August 2011 production.	

TB 17 / Firmware Upgrade (V 9.00)

2K5-C070/M
Date: 03-04-2012

TOPIC:

The firmware is upgraded as follows.

CONTENT OF CHANGES:

- Support of the file attachment to the maintenance mail during sleep mode.
  The file is not attached to the maintenance mail during sleep mode. - Therefore, this is corrected.
- Implementing the auto image rotation at the manual copy in the System Menu.
  Auto image rotation may result in unintended output and so, the setting is implemented for switchable rotation mode at the manual copy.
  Change: The rotation option is implemented in [Copy] in the System Menu.
  Refer to the next page
- Support for the FAX send at the extensible authentication.
  The sender information is not printed on the recipient's output data when sending FAX if the Job Account setting is ON but Job Account name is not defined at the extensible authentication. - Therefore, this is corrected.
- Corrective measures for the login failure with the HyPAS extensible authentication application.
  "Please wait" may appear after logging in the HyPAS extensible authentication application. - Therefore, this is corrected.
- Corrective measures for the error message in Equitrac environment (without ID Card Reader).
  A message "Cannot recognize the ID card reader" is displayed as the sub message even if ID Card Reader is not connected when executing Equitrac application activation. - Therefore, this is corrected so that the above message is not displayed.
- Corrective measures for the barcode print failure.
  The content of printing is partially dropout beyond the printable area when printing a certain file with the KYOmulticode (Barcode Flash). Therefore, this is corrected.
- Measure against the image failure with a certain file.
  The image pattern is correctly printed when printing from Illustrator CS-3 with Mac. - Therefore, this is corrected.
- Corrective measures for the failure with a certain PDF file.
  Wrong characters are printed in a large font when direct-printing a certain PDF file. - Therefore, this is corrected.
- Corrective measures for the abnormal image when printing a certain macro data.
  Undesired black lateral lines are printed with a certain macro data. - Therefore, this is corrected.
- Corrective measures for the Offending Command error when direct-printing a certain PDF file.
- Corrective measures for the Limit check error with a certain PS data.
- Corrective measures for the CF46F error when printing a certain PDF file via KPDL mini driver.
- Magnification adjustment with a certain file.
  The magnification is slightly different by model. - Therefore, this is corrected.
- Corrective measures for the CF248 error when printing a certain file from a USB memory.
- Corrective measures for the garbled characters with a certain file.
- Corrective measures for the error with a certain file.
  The CF248 error may appear with a certain user file. - Therefore, this is corrected.
- Corrective measures for the error with a certain PCL data.
  The F24B error appears when printing a certain PCL data in B/W mode. Therefore, this is corrected.
- Corrective measures for the image failure with a certain data.
  Color may drop out when printing a certain Mac Illustrator file. - Therefore, this is corrected.
- Corrective measures for the output of a certain PCL from.
  Texts are partially not printed correctly. - Therefore, this is corrected.
- Corrective measures for the error with a certain PDF data.
  Direct-printing a certain PDF data fails. - Therefore, this is corrected.
- Corrective measures for the system error (CF248).
  The CF248 error may appear when printing the Mac illustrator file. - Therefore, this is corrected.
- Corrective measures for the error with a certain file from Mac Illustrator.
  The colors on the transparency of shapes are not properly printed. - Therefore, this is corrected.
- Corrective measures for the output failure with a certain file.
  Print result is not correct when printing the Excel 2003 file with VBA via the KPDL driver. -Therefore, this is corrected.

FIRMWARE UPGRADE PACK V 9.00		
Typ	**File**	**Remarks**
MAIN	2K5_2F00.009.006	← *NEW*
MMI	2K5_7000.009.004	← *NEW*
ENGINE	2K5_1000.008.001	
SCANNER	2K5_1200.001.015	
LANGUAGE	2K5_81BR.001.029	← *NEW*
BROWSER	2H7_F000.001.016	
KSF	2KS_H000.008.001	
DBA	J00_E000.005.001	
FAX BOOT	5JP_5000.001.022	
FAX APL	5JP_5100.C09.001	
FAX IPL	5JP_5200.001.022	
DP 670	3K5_9500.007.001	
PF 680	3K6_9000.001.006	*
DF 780 MAIN	5JA_9200.007.005	

When upgrading firmware or replacing board etc., please upgrade each firmware (MAIN, MMI, ENGINE, SCANNER, LANGUAGE) to the latest version at the same time.

* → The firmware cannot be upgraded.

Implementing auto rotation setting for the manual copy

SYSTEM MENU → Copy → Auto Image Rotation Action …
→ Unrotated Manual Copy
→ Apply All default (current setting)
→ Follow Image Size

Auto image rotation	Auto image rotation action	Rotation
OFF	-	No auto rotation at any time
ON	Not rotated at manual copy	No auto rotation at manual copy (added)
ON	Always rotated	Auto rotation at any time
ON	Rotated depending on image size	Auto rotated if rotated image fits the paper size at manual copy except the case of irregular size originals (added)

Classification:	☐ Entire Stock Rework ☐ In-Field modification at next visit ☒ In-Field modification by case ☐ No modification necessary
Field Measure:	Please upgrade the firmware according to necessity. Then, upgrade all the firmware at the same time.
Serial Nos.:	CD 1430 / DC 2430 → Planned from February 2012 production.